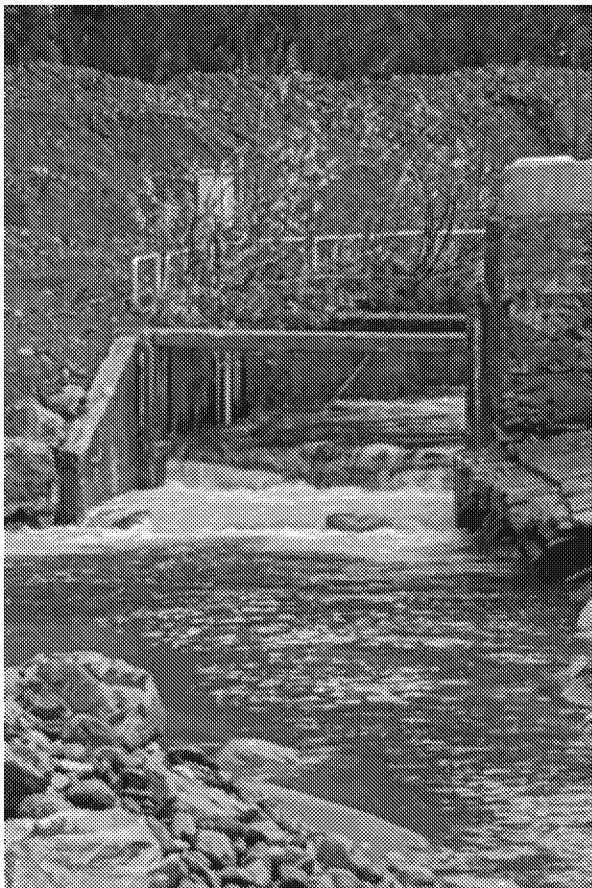


**Re: HPA APP ID #14829**

**Fish Ladder Monitoring Report for November 23<sup>rd</sup> through November 29<sup>th</sup>, 2020**

For the week of November 23<sup>rd</sup>, the ladder was observed on November 25<sup>th</sup> from 09:15 – 10:15. Access was not available to the ladder side of the river, so observations took place along the intake side. River discharge on Nov. 25<sup>th</sup> was approximately 490 cfs during the time of observation, with a maximum of 515 and minimum of 450 cfs for the day. The weekly high total river discharge reached 555 cfs, and the weekly low reached 350 cfs. Due to inaccessibility, a ladder discharge measurement or reading could not be taken, and ladder discharge was estimated at 60 cfs. A light drizzle and overcast conditions persisted through monitoring on the 25<sup>th</sup>.

No fish were observed this week at the ladder or the surrounding spillway area. No obstructive woody debris accumulated within 100 m of the ladder, and the bedload present in the ladder is not adversely affecting flow or ladder function. Bedload accumulation will be removed in the next few weeks.



Ladder outflow on Nov. 25<sup>th</sup>